

ABSTRACTION

PT. Berdikari Metal Engineering that adressed at Jalan Industri III No. 6A, Cimahi, West Java is a corporate which produce famous brand motorcycle sparepart in Indonesia. Generally, this corporation have receiving division, production line, and shipping division. But in this corporation have some problems in receiving division. That problems happen because there is manual material handling activity. In the end, this activity caused problem to the operator who do it self.

Due to the observation, it found that this activity which get done by its operator still can not said to be ergonomically. This stuff got known caused by there is body move that is not recommended to do, it is take a bow of operator's body while he lift the weight of raw material and his fingers can not handle the raw material perfectly. By this activity, there are ill's of their body especially to their low back pain and their hands. By counting this activity with Recommended Weight Limit method got known that Lifting Index value are 1,33 and 1,62. This value indicate that tis activity has some risks to do. Therefore, the work system shold be changed.

There is how to change the work system. The how is taking tool in operator's work system to ease theirsself in doing their task.

Keyword: Ill of Their Body, Manual Material Handling, Recommended Weight Limit